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JUN 16 2004

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From: Otis Littlefield**Date: June 16, 2004**

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Re: U.S. Patent Application Serial No. 09/646,807
For: CONTROL OF GENE EXPRESSION
By: Michael W. GRAHAM et al.
Our reference: 54632-20003.21

Attached are the following:

1. Transmittal (1 page)
2. Fee Transmittal (in duplicate, 2 pages)
3. Petition for Extension of Time (1 page)
4. Notice of Appeal (1 page)

PTO/BB/21 (09-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>		Application Number	09/646,807
		Filing Date	December 5, 2000
		First Named Inventor	Michael GRAHAM
		Art Unit	1636
		Examiner Name	D. Sullivan
Total Number of Pages in This Submission	5	Attorney Docket Number	546322000321

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate, 2 pages) <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit/declaration <input checked="" type="checkbox"/> Extension of Time Request (1 page) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input checked="" type="checkbox"/> Appeal Communication to Group (1 page) (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Sent via Facsimile (Facsimile Coversheet not counted as part of this submission)		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	MORRISON & FOERSTER LLP (Customer No. 20872) Otis Littlefield - 48,751
Signature	<i>On Turi</i>
Date	June 16, 2004

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-9306, on the date shown below.	
Date: June 16, 2004	Signature: <i>Valerie Cohen</i> (Valerie Cohen)

sf-1725314

PTO/SB17 (01-03)
Approved for use through 04/30/2003. OMB 0651-0032

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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) **1,280**

Complete if Known

Application Number	09/646,807
Filing Date	December 5, 2000
First Named Inventor	Michael GRAHAM
Examiner Name	D. Sullivan
Group Art Unit	1636
Attorney Docket No.	546322000321

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit Account Number: **03-1952**

Deposit Account Name: **Morrison & Foerster LLP**

The Commissioner is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of BIR prior to Examiner action	
1806	1,840*	1806	1,840*	Requesting publication of BIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	960	2253	475	Extension for reply within third month	860
1254	1,480	2254	740	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	330
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or release)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (linea number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2910	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)	1615			Claims - extra total (over 20)	

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1) (\$)					0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
27	-48 =	0	0.00
Independent Claims	2	0	0.00
Multiple Dependent		145	0.00

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)					0.00

**or number previously paid, if greater. For Reissues, see above

Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** (\$) **1,280**

SUBMITTED BY

Name (Print/Type)	Otis Littlefield	Registration No. (Attorney Agent)	48,751	Telephone	(415) 268-6846
Signature		Date	June 16, 2004		

Complete (if applicable)

sf-1725001

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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,280

Complete if Known

Application Number 09/646,807
Filing Date December 5, 2000
First Named Inventor Michael GRAHAM
Examiner Name D. Sullivan
Group Art Unit 1636
Attorney Docket No. 546322000321

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit Account Number

03-1952

Deposit Account Name

Morrison & Foerster LLP

The Commissioner is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	3001	375	Utility filing fee	
1002	930	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$ 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
27	48 =	0 x 9 =	0.00
Independent Claims	2	0 x 43 =	0.00
Multiple Dependent		145 =	0.00

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	95	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	84	2204	42	Reissue independent claims over original patent
1205	18	2205	9	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0.00

**or number previously paid, if greater. For REISSUES, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

DUPLICATE COPY FOR FEE PROCESSING

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
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1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
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1253	850	2253	475	Extension for reply within third month	950
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1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1808	180	1808	180	Submission of Information Disclosure Sheet	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(e))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)	1815			Claims - extra total (over 20)	

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 1,280

SUBMITTED BY

Name (Print/Type) Otis Littlefield

Registration No. (Attorney/Agent)

48,751

Complete if applicable

Telephone (415) 268-8846

Signature

Otis Littlefield

Date

June 16, 2004

sf-1725001

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NO. 914 P. 6

JUN 16 2004

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PTO/SB/31 (08-03)

Approved for use through 07/31/2006. OMB 0581-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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NOTICE OF APPEAL FROM THE EXAMINER TO THE BOARD OF PATENT APPEALS AND INTERFERENCES		Docket Number (Optional) 546322000321	
In re Application of Michael W. GRAHAM			
Application Number 09/646,807		Filed December 5, 2000	
For CONTROL OF GENE EXPRESSION			
Art Unit 1636		Examiner D. Sullivan	

Applicant hereby appeals to the Board of Patent Appeals and Interferences from the last decision of the examiner.

The fee for this Notice of Appeal is (37 CFR 1.17(b)) \$ 330.00

☐ Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee shown above is reduced by half, and the resulting fee is: \$ _____

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Director has already been authorized to charge fees in this application to a Deposit Account. I have enclosed a duplicate copy of this sheet.

☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 03-1952 Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

☒ A petition for an extension of time under 37 CFR 1.136(a) (PTO/SB/22) is enclosed.

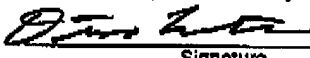
I am the

☐ applicant /inventor

☐ assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

☐ attorney or agent of record. Registration number _____

☒ attorney or agent acting under 37 CFR 1.34(a). Registration number if acting under 37 CFR 1.34(a). 48,751


Signature
Otis Littlefield
Typed or printed name
(415) 268-6846
Telephone number
June 16, 2004
Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of 1 forms are submitted.

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 672-9306, on the date shown below.

Dated: June 16, 2004

Signature: Valerie Cohen (Valerie Cohen)

SF-1724991

1